

## **Historic, Archive Document**

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So 33

Federal - State - Private

# SNOW SURVEYS and WATER SUPPLY OUTLOOK for ALASKA



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE  
Collaborating with  
ALASKA SOIL CONSERVATION DISTRICT

Data included in this report were obtained by the agencies named above in cooperation  
with Federal, State and private organizations listed inside the back cover of this report.

AS OF  
**FEB. 1, 1977**

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

*COVER PHOTO: SNOW COURSE MEASUREMENTS BY A SURVEY TEAM IN UTAH'S WASATCH RANGE.  
ORC-254-10*

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, 6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



FEDERAL - STATE - PRIVATE

**SNOW SURVEYS**

**AND**

**WATER SUPPLY OUTLOOK**

**FOR**

**ALASKA**

*Issued by*

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SNOWPACK PROFILE STUDY

ALASKA SUMMARY  
as of  
FEBRUARY 1, 1977

Snow surveys just completed verify this winter as being most unusual across Alaska. The weather has been warm and wet in coastal regions and mild and dry in the Interior. The winter-long influx of heavily moisture laden and relatively warm storm systems moving north out of the Pacific Ocean have typically dumped tremendous amounts of snow at high elevations, but proportionally far less moisture in the valley bottoms and coastlines. These storms generally beat themselves out in the high coastal mountains leaving the Interior dry in comparison. The snowpack is much denser than normal in many locations indicating the likelihood of an early runoff.

The area by area summary is as follows:

KOYUKUK DRAINAGE

Snow courses along the pipeline between the Yukon Crossing and Atigun Pass are a little above an estimated seven year average. The snowpack is also heavier now than mid-February readings last year.

### TANANA-CHENA DRAINAGE

Snow courses in and around the Upper Tanana drainage were measured before the significant storm hit the area January 31st. The courses, at that time, varied from well above normal in the Alaska range to completely bare at some valley bottom locations.

The Chena basin was measured February 3rd after the major storm. Its snowpack now varies between 60 and 80 percent of the average for February 1st. The snowpack was probably on the order of only 30% of normal before. It is currently about 20% above what it was one year ago.

### COPEPR DRAINAGE

The high mountains surrounding the Copper River basin have far above normal snowpack. The lower elevation courses indicate a near normal to below normal snowpack at this time depending where snowmelt has occurred. All locations except near the major drainageways are well ahead of the snowpack measured at this time last year.

### SUSITNA DRAINAGE

The Upper Susitna is similar to the Copper Drainage - heavy snowpack in the surrounding mountains to slightly above normal within the basin itself.

The Lower Susitna Valley has a very heavy and dense snowpack. Several snow courses are exceeded only by the snowpack of 1972, for February 1st, in the last fourteen years. The Peters Hills site is a new maximum of record. All sites are far in excess of amounts recorded one year ago.

### UPPER COOK INLET DRAINAGE

The Ship Creek snowpack is the heaviest for February 1st since records began ten years ago. Indian Pass snow course, at 2350 feet elevation, is 80% above its average. Higher elevations are likely even heavier percentage wise. The precipitation can at the Ship Creek site has caught 16.6 inches of moisture since October 1st. This is 250 percent of normal. The snow course, however, has only 8.4 inches of snow water and is in a springtime melt condition. Low elevation courses are way below normal and nearly bare due to warm temperatures. Snowmelt runoff will be very heavy and probably earlier than usual.

### KENAI PENINSULA DRAINAGES

The Kenai Peninsula also has an extremely heavy snowpack at high elevations; at the same time the ground is bare at lower elevations. The Kenai Summit snow course along the Seward Highway is better than 200 percent of its short-term, seven year average. The heavy snowpack at Turnagain Pass is in a state of slush clear to the ground. Streamflow here is also expected to be heavy and early.

### SOUTHEASTERN DRAINAGES

No data has been received from Southeast. It is only known that a snowpack is non-existent at low elevations due to the unseasonably warm temperatures.

# STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD		
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year	Average +
NO FORECASTS MADE BEFORE MARCH 1, 1977					

# SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST RECORD				
	NAME	Number	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)		
				Last Year	Average +	Years of Previous Record		
AS OF JAN. 15, 1977								
<u>TANANA-CHENA:</u>								
Caribou Mine	55	1115	1/14	9a	1.8e	1.7e	3.4	8
Cleary Summit	64	2230	1/14	6a	1.3e	2.4e	4.1	8
Little Chena	62	2200	1/14	7a	1.5e	2.8e	3.8	8
Lower Chena	59	2000	1/14	14a	2.7e	---	---	0
Mt. Ryan	61	2950	1/14	11a	2.2e	1.9e	4.1	9
Munson Ridge	56	3100	1/14	15a	2.7e	3.8e	5.7	8
Teuchet Creek	57	1640	N 0	S U R V E Y	---	---	---	0
Upper Chena	58	3000	1/14	19a	3.6e	2.8e	4.7	8
AS OF FEB. 1, 1977								
<u>TANANA-CHENA:</u>								
Big Delta	52	980	1/25	3	.4	1.8	2.6	6
Bonanza Creek	66	1150	DELAYED REPORT			1.8	4.0	5
Caribou Creek	68	1440	2/3	22	3.1	3.4	4.4	7
Caribou Mine	55	1115	N 0	S U R V E Y	3.0	5.1	9	
Cleary Summit	64	2230	2/3	28	4.9	4.5	6.1	9
Colorado Creek	63	750	2/3	20	2.8	2.3	4.2	11
Fielding Lake	49	3000	1/26	45	10.2	4.5	7.9	5
Ft. Greely	50	1420	1/26	0	0.0	1.7	2.7	10
French Creek	53	2010	1/25	6	1.6	2.6	4.7	8
Granite Creek	51	1240	1/27	8	1.4	1.3	2.6	9
Haystack Mountain	67	1950	2/3	28	4.1	4.7	6.5	7
Little Chena	62	2200	2/3	26	4.8	3.6	6.0	7
Little Salcha	54	1500	1/25	5	1.0	2.5	4.0	8
Lower Chena	59	2000	N 0	S U R V E Y	---	---	---	0
Mentasta Pass	47	2430	1/26	29	5.7	2.3	4.9	5
Monument Creek	60	1900	N 0	S U R V E Y	3.6	4.0	3	
Mt. Ryan	61	2950	2/3	32	5.2	4.4	7.8	7
Munson Ridge	56	3100	2/3	31	5.5	8.6	10.0	9
Poker Creek	69	1025	2/3	22	3.1	3.2	4.1	7
Teuchet Creek	57	1640	N 0	S U R V E Y	2.1	3.0	4	
Tok Junction	46	1650	1/27	14	2.5	1.9	2.6	5
Upper Chena	58	3000	N 0	S U R V E Y	N/S	8.8	6	
Yak Pasture	65	540	2/3	22	3.7	2.1	3.5	8

a - aerial marker reading

e-estimated

N/S - No Survey

+ 1958-1972 period.

## SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
NAME	Number	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Years of Previous Record
<b>COPPER RIVER:</b>								
Haggard Creek	48	2540	1/26	32	7.3	1.3	3.9	10
Little Nelchina	31	4160	2/2	27a	5.1e	3.0e	3.5	8
Mankomen Lake	45	3050	DELAYED	REPORT		2.1	4.8	10
St. Anne's Lake	28	1990	2/2	16	3.4	3.8	3.6	11
Sanford River	27	2280	2/2	10a	2.5e	2.9	3.6	10
<b>MATANUSKA-SUSITNA:</b>								
Alexander Lake	18	200	2/2	50a	11.5e	5.6	7.5	12
Bald Mountain Lake	23	2150	2/3	45a	9.0e	2.7e	3.9	11
Chelatna Lake	20	1650	2/2	28a	7.3e	7.6e	6.7	12
Clearwater Lake	26	3100	2/3	18a	3.4e	2.0e	3.9	11
Devils Canyon	121	1350	2/3	36a	6.7e	---	---	0
Fog Lakes #2	24	2250	2/3	28	5.6	2.1	4.4	7
Lake Louise	29	2400	2/2	18	3.1	1.7	2.9	11
Monahan Flat	25	2710	2/3	30a	6.0e	3.7e	5.0	11
Oshetna Lake	30	2950	2/2	17	2.9	2.0	2.7	12
Peters Hills	21	2010	2/2	66a	15.8e	9.4e	9.7	9
Skwentna	19	160	2/2	45	10.7	5.4	6.7	10
Talkeetna	22	350	2/2	23	6.7	4.3	5.7	10
Willow Airstrip	32	150	2/2	20	6.4	3.2	5.0	12
<b>UPPER COOK INLET:</b>								
Arctic Ski Bowl	5	3000	2/1	31	10.5	5.1	8.2	11
Arctic Valley #1	1	500	2/1	1	.2	1.3	2.6	11
Arctic Valley #2	2	1000	2/1	3	1.0	1.5	2.7	11
Arctic Valley #3	3	2030	2/1	22	5.7	3.1	4.3	11
Arctic Valley #4	4	2330	2/1	24	6.5	3.0	4.8	11
Bird Creek	8	2350	1/30	41	14.2	10.7	10.0	10
Indian Pass	7	2350	1/30	70	23.8	14.3	13.2	10
McArthur	17	120	N O	S U R V E Y		10.6e	11.7	12
Ship Creek	6	1750	1/30	28	8.4	6.6	6.6	10
Mt. Alyeska	10	1200	1/29	104	38.0	23.4	19.6	4
South Campbell Creek	9	1200	1/30	14	4.4	N/S	5.3	3
<b>KENAI PENINSULA:</b>								
Bertha Creek	11	850	2/1	46	17.0	9.9	8.6	7
Bridge Creek, Lower	16	1100	1/31	32	11.8	5.6	6.4	4
Bridge Creek, Upper	15	1300	1/31	33	11.2	6.0	6.7	4
Jean Lake	14	620	2/1	8	3.1	2.1	2.9	7
Kenai Summit	12	1390	2/1	47	15.4	6.6	7.4	7
Moose Pass	13	700	2/1	0	0.0	3.3	3.5	7
<b>SOUTHEAST:</b>								
Harriet Top	102	2000				40.8	37.3	4
Hunt Saddle	103	1500				25.9	29.4	4
Lake Shore	104	660				9.3	16.2	4
Cropley Lake	94	1650	DELAYED			---	---	0
Eagle Crest	95	1000				---	---	0
Fish Creek	96	500	REPORTS			---	---	0
Crystal Lake	101	1375				---	---	0
Petersburg Reservoir	99	550				---	---	0
Mitkof Island	100	1050				---	---	0

a - aerial marker reading

e - estimated

N/S - No Survey

+ 1958-1972 period.

## SNOW

DRAINAGE BASIN and/or SNOW COURSE			THIS YEAR			PAST RECORD		
NAME	Number	Elevation	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Last Year	Average +	Years of Previous Record
KOYUKUK:								
Coldfoot Camp	109	1000	1/26	25	4.4	N/S	N/S	1
Dietrich Camp	110	1550	1/26	23	4.0	N/S	N/S	1
Five Mile Camp	106	400	1/26	25	6.5	N/S	N/S	1
Prospect Creek	108	980	1/26	25	6.0	N/S	N/S	1
Table Mountain	111	2200	1/26	24	4.0	N/S	N/S	1
Thirty Mile	107	1300	1/26	31	8.0	N/S	N/S	1
NORTH SLOPE:					INCREMENT SINCE LAST READING		ACCUMULATIVE TOTAL	
* "Wyoming" Precipitation Gages			DATE					
Barrow	115	15	9/20 10/20 11/23 12/23 1/22		.9 .6 1.1 .4 1.0		.6 1.7 2.1 3.1	
Barter Island	117	15	10/4 11/6 11/22 12/21		1.2 1.2 .2 1.6		1.2 1.4 3.0	
Candle	119	20	D E L A Y E D	R E P O R T				
Kavik River	118	200	11/4 11/26 12/27		.8 .1 1.0		.8 .9 1.9	
Kugruk River	120	225	12/30		2.6		2.6	
Jago River	122		11/7 11/22 12/21		1.3 .4 1.2		1.3 1.7 2.9	
Meade River	116	200	9/20 10/21 11/23 12/23 1/21		.7 1.0 .2 .4 1.4		1.0 1.2 1.6 3.0	
Point Hope	123	20	D E L A Y E D	R E P O R T				
Prudhoe Bay	114	30	11/7 11/23 12/27		1.3 .3 .8		1.3 1.6 2.4	
Sagwon	113	1000	1/26		1.6		1.6	
Toolik River	112	3100	11/11 1/26		1.6 1.4		1.6 3.0	
a - aerial marker reading	e - estimated		N/S - No Survey					

+ 1958-1972 period.

\* The Wyoming Gage is a new device for accurately collecting rain and snowfall in windy unprotected areas. It was developed during the period 1969 through 1974 near Laramie, Wyoming, by the University of Wyoming and the United States Forest Service Forest and Range Experiment Station. The study area was a barren, wind swept ridge, similar to Alaska's tundra. During this period the new design consistently caught  $\pm$  10 percent of the "control" gages located in protected areas nearby.

The basic configuration of the gage has two concentric rings of snow fences surrounding the orifice of the precipitation storage can. The 4 foot snow fence "mesh" is rigidly attached to a solid framework. The outer circle is ten feet off the ground and 20 feet in diameter; the inner circle is 8 feet off the ground and 10 feet in diameter. The level of the storage can orifice is 7 feet above the ground surface. A precipitation gage of any standard design, whether recording or non-recording can be used.

The Wyoming gage "works" during howling snow storms by creating a slight vacuum area within the fencing material which pulls down into the storage can the snow particles which might be traveling more nearly horizontal than vertical. Without the windscreen, the precipitation gage would collect only a small percent of falling snow during windy periods. During blowing snow conditions between storms, almost all of the moving material is passed beneath the gage.





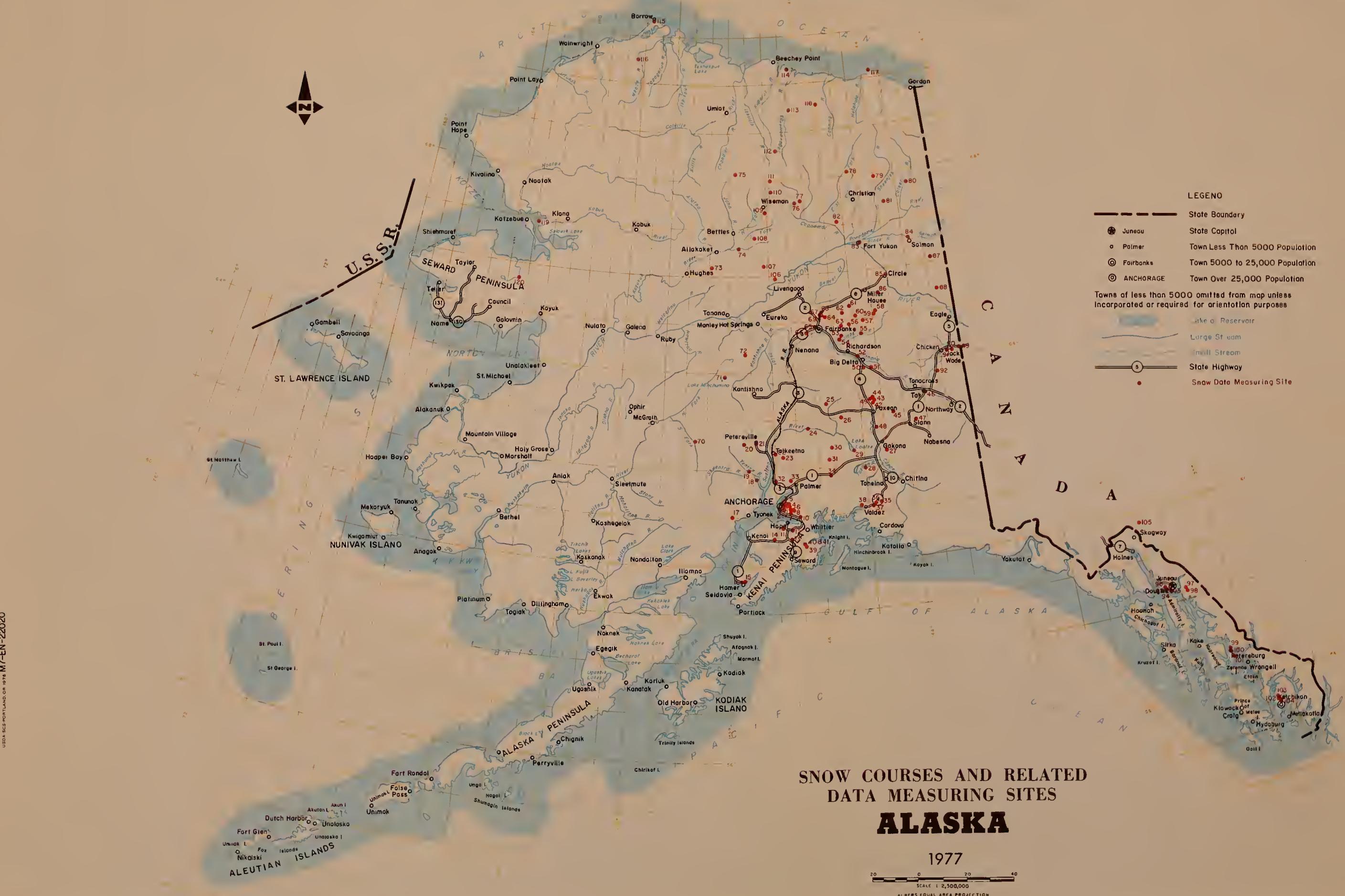
**SNOW COURSES AND RELATED  
DATA MEASURING SITES**

# ALASKA

1977

20 0 20 40  
SCALE 1: 2,500,000  
ALBERS EQUAL AREA PROJECTION





MAP NO.	COURSE NAME	LAT.	LONG.	MEAS. DATES *	MEAS. * BY
1	Arctic Valley #1	67°30'N	148°30'W	3,4	a
2	Arctic Valley #2	67°33'N	148°15'W	3,4	a
3	Arctic Valley #3	68°05'N	145°35'W	3,4	a
4	Arctic Valley #4	67°55'N	144°08'W	3,4	a
5	Arctic Ski Bowl	67°44'N	142°28'W	3,4,7	a
6	Ship Creek	67°23'N	143°45'W	3,4	a
7	Indian Pass	67°03'N	146°25'W	3,4,7	a
8	Bird Creek	66°35'N	145°15'W	3,4,7	a
9	South Campbell Creek	66°36'N	142°45'W	3,4,7	a
10	Mt. Alyeska	65°50'N	144°05'W	3,4,7	a
11	Bertha Creek	65°29'N	144°39'W	3,4	a
12	Kenai Summit	66°06'N	141°48'W	3,4	a
13	Moose Pass	65°25'N	141°40'W	3,4	a
14	Jean Lake	64°08'N	141°08'W	3,4,7	a
15	Bridge Creek (UP)	64°05'N	141°27'W	3,4	a
16	Bridge Creek (LO)	64°05'N	141°45'W	3,4,7	a
17	McArthur	63°42'N	142°17'W	3,4,5	a
18	Alexander Lake	58°16'N	134°27'W	3,4,5	b
19	Skwentna	58°16'N	134°31'W	1,2,3,4	b
20	Chelatna Lake	58°17'N	134°32'W	1,2,3,4	b
21	Peters Hills	58°19'N	134°33'W	1,2,3,4	b
22	Talkeetna	58°11'N	133°53'W	3,4,5,6,7	e
23	Bald Mtn. Lake	58°09'N	133°43'W	3,4,5,6,7	e
24	Fog Lakes	56°47'N	132°56'W	2,3,4,5	b
25	Monahan Flat	56°46'N	132°56'W	2,3,4,5	b
26	Clearwater Lake	56°36'N	132°50'W	2,3,4,5	b
27	Sanford River	55°29'N	131°37'W	3,4,5	b
28	St. Anne's Lake	55°30'N	131°37'W	3,4,5	b
29	Lake Louise	55°29'N	131°36'W	3,4,5	b
30	Oshetna Lake	59°45'N	134°58'W	3,4,5	e
31	Little Nelchina	65°55'N	149°48'W	2,3,4,5	i
32	Willow Airstrip	66°13'N	150°15'W	2,3,4,5	i
33	Independence Mine	66°47'N	150°45'W	2,3,4,5	i
34	Sheep Mountain	67°16'N	150°10'W	1,2,3,4	i
35	Tsaina River	67°42'N	149°45'W	2,3,4,5	i
36	Worthington Glacier	67°58'N	149°45'W	2,3,4,5	i
37	Lowe River	68°37'N	149°26'W	7	d
38	Valdez	69°26'N	148°34'W	7	d
39	Wolverine Glacier (A)	70°15'N	148°30'W	7	h
40	Wolverine Glacier (B)	71°20'N	156°40'W	7	h
41	Wolverine Galcier C	70°29'N	157°25'W	7	h
42	Gulkana Glacier A	70°08'N	143°37'W	7	h
43	Gulkana Glacier B	69°30'N	147°00'W	7	h
44	Gulkana Glacier C	66°55'N	161°56'W	3,4	a,f
45	Mankomen Lake	65°40'N	162°27'W	3,4	a,f
46	Tok Junction				
47	Mentasta Pass				
48	Haggard Creek				
49	Fielding Lake				
50	Ft. Greely				
51	Granite Creek				
52	Big Delta				
53	French Creek				
54	Little Salcha				
55	Caribou Mine				
56	Munson Ridge				
57	Teuchet Creek				
58	Upper Chena			y 1, February 1, March 1, April 1,	
59	Lower Chena				
60	Monument Creek				
61	Mt. Ryan			snow survey, as follows:	
62	Little Chena				
63	Colorado Creek				
64	Cleary Summit				
65	Yak Pasture			Engineering Lab	
66	Bonanza Creek				
67	Haystack Mtn.				
68	Caribou Creek				
69	Poker Creek				
70	Farewell Lake				
71	Lake Minchumina				
72	Wien Lake		er to:		
73	Lake Todatonten		ter		
74	Bettles Field				
75	Anaktuvuk Pass				

# AGENCIES AND ORGANIZATIONS COOPERATING IN ALASKA SNOW SURVEYS

## FEDERAL

Department of Agriculture  
Forest Service

Institute of Northern Forestry  
North Tongass National Forest  
South Tongass National Forest  
Chugach National Forest

Department of Commerce

National Oceanic and Atmospheric Administration  
NOAA National Weather Service

Department of Defense

U.S. Army Corps of Engineers  
U.S. Army Cold Regions Research and Engineering Laboratory

Department of Interior

Bureau of Land Management  
Geological Survey  
Alaska Power Administration

## STATE

Alaska Department of Fish and Game

Alaska Department of Highways

Alaska Department of Natural Resources, Division of Parks

Alaska Soil Conservation District

Fairbanks Soil Conservation Sub-district  
Homer Soil Conservation Sub-district  
Kenai-Kasilof Soil Conservation Sub-district  
Kenny Lake Soil Conservation Sub-district  
Kodiak Soil Conservation Sub-district  
Montana Soil Conservation Sub-district  
Palmer Soil Conservation Sub-district  
Salcha-Big Delta Soil Conservation Sub-district  
Wasilla Soil Conservation Sub-district

University of Alaska

## MUNICIPALITIES

Municipality of Anchorage

## PRIVATE

Mt. Alyeska Resort, Inc.

# INDEX OF ALASKA SNOW COURSES

MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. DATES *	MEAS. BY *	MAP NO.	COURSE NAME	COURSE NO. *	ELEV.	LAT.	LONG.	MEAS. DATES *	MEAS. BY *
1	Arctic Valley #1	49MM1	500	61°13'N	149°40'W	2,3,4,5	c	76	Chandalar Lake	48SS1A	2040	67°30'N	148°30'W	3,4	a
2	Arctic Valley #2	49MM2	1000	61°13'N	149°37'W	2,3,4,5	c	77	Squaw Lake	48SS2a	2150	67°33'N	148°15'W	3,4	a
3	Arctic Valley #3	49MM3	2030	61°14'N	149°35'W	2,3,4,5	c	78	Arctic Village	45TT1A	2300	68°05'N	145°35'W	3,4	a
4	Arctic Valley #4	49MM4	2330	61°14'N	149°33'W	2,3,4,5	c	79	Koness Lake	44SS1A	1790	67°55'N	144°08'W	3,4	a
5	Arctic Ski Bowl	49MM5	3000	61°15'N	149°31'W	2,3,4,5	c	80	Coleen River	42SS1A	1100	67°44'N	142°28'W	3,4,7	a
6	Ship Creek	49MM7MPS	1750	61°08'N	149°28'W	2,3,4,5	a	81	Vundik Lake	43SS1a	950	67°23'N	143°45'W	3,4	a
7	Indian Pass	49MM8A	2350	61°05'N	149°29'W	2,3,4,5	a	82	Venetie	46SS1A	610	67°03'N	146°25'W	3,4,7	a
8	Bird Creek	49MM6A	2350	61°06'N	149°20'W	2,3,4,5,7	a	83	Fort Yukon	45RR1AM	430	66°35'N	145°15'W	3,4,7	a
9	South Campbell Creek	49MM11	1200	61°08'N	149°42'W	2,3,4,5	a	84	Black River	42RR1A	650	66°36'N	142°45'W	3,4,7	a
10	Mt. Alyeaka	49LL15S	1200	60°57'N	149°05'W	2,3,4,5	a,b	85	Circle City	44QQ3A	600	65°50'N	144°05'W	3,4,7	a
11	Bertha Creek	49LL2	850	60°45'N	149°51'W	2,3,4,5	a	86	Circle Hot Springs	44QQ5	860	65°29'N	144°39'W	3,4	a
12	Kenai Summit	49LL3	1390	60°40'N	149°28'W	2,3,4,5	a	87	Dempsey Creek	41RR2A	950	66°06'N	141°48'W	3,4	a
13	Moose Pass	49LL4	700	60°31'N	149°30'W	2,3,4,5	a	88	Nation River	41QQ1a	3050	65°25'N	141°40'W	3,4	a
14	Jean Lake	50LL1	620	60°31'N	150°11'W	2,3,4,5	a	89	Eagle Village	41PP1A	900	64°08'N	141°08'W	3,4,7	a
15	Bridge Creek (UP)	51KK1	1300	59°42'N	151°28'W	3,4,5	a	90	Boundary	41PP3A	3300	64°05'N	141°27'W	3,4	a
16	Bridge Creek (LO)	51KK2	1100	59°40'N	151°32'W	3,4,5	a	91	Chicken Airstrip	41PP2A	1650	64°05'N	141°45'W	3,4,7	a
17	McArthur	52LL1A	120	61°00'N	152°00'W	2,3,4,5	a,c	92	Mt. Fairplay	42001a	3100	63°42'N	142°17'W	3,4,5	a
18	Alexander Lake	50MM1A	200	61°45'N	150°54'W	2,3,4,5	a,c	93	Douglas Ski Bowl	34JJ1	1640	58°16'N	134°27'W	3,4,5	b
19	Skwentna	51MM1A	160	61°58'N	151°12'W	2,3,4,5	a,c	94	Cropley Lake	34JJ2	1650	58°16'N	134°31'W	1,2,3,4	b
20	Chelatna Lake	51NN1a	1650	62°31'N	151°29'W	2,3,4,5	a,c	95	Eagle Crest	34JJ3	1000	58°17'N	134°32'W	1,2,3,4	b
21	Peters Hills	50NN1a	2010	62°31'N	150°57'W	2,3,4,5	a,c	96	Fish Creek	34JJ4	500	58°19'N	134°33'W	1,2,3,4	b
22	Talkeetna	50NN2	350	62°18'N	150°05'W	2,3,4,5	a,c	97	Upper Long Lake	33JJ2aS	1000	58°11'N	133°53'W	3,4,5,6,7	e
23	Bald Mtn. Lake	49NN1A	2150	62°15'N	149°45'W	2,3,4,5	a,c	98	Speel River	33JJ3A	280	58°09'N	133°43'W	3,4,5,6,7	e
24	Fog Lakes	48NN2A	2250	62°47'N	148°29'W	2,3,4,5	a,c	99	Petersburg Reservoir	32HH1	550	56°47'N	132°56'W	2,3,4,5	b
25	Monahan Flat	47001A	2710	63°18'N	147°39'W	2,3,4,5	a,c	100	Mitkof Island	32HH2	1050	56°46'N	132°56'W	2,3,4,5	b
26	Clearwater Lake	46NN1A	3100	62°59'N	146°58'W	2,3,4,5	a,c	101	Crystal Lake	32HH3	1375	56°36'N	132°50'W	2,3,4,5	b
27	Sanford River	45NN2A	2280	62°13'N	145°04'W	2,3,4,5	a,c	102	Harriet Top	31GG1	2000	55°29'N	131°37'W	3,4,5	b
28	St. Anne's Lake	46MM1A	1990	61°53'N	146°03'W	2,3,4,5	a,c	103	Hunt Saddle	31CC2	1500	55°30'N	131°37'W	3,4,5	b
29	Lake Louise	46NN2A	2400	62°17'N	146°30'W	2,3,4,5	a,c	104	Lake Shore	31CC3	660	55°29'N	131°36'W	3,4,5	b
30	Oshetna Lake	47NN1A	2950	62°23'N	147°29'W	2,3,4,5	a,c	105	Log Cabin (B.C.)	34KK1	2880	59°45'N	134°58'W	3,4,5	e
31	Little Nelchina	47NN2a	4160	62°07'N	147°36'W	2,3,4,5	a,c	106	Five Mile Camp	49RR1	400	65°55'N	149°48'W	2,3,4,5	i
32	Willow Airstrip	50MM2	150	61°45'N	150°03'W	2,3,4,5	a,c	107	Thirty Mile	50RR2a	1300	66°13'N	150°15'W	2,3,4,5	i
33	Independence Mine	49MM10	3300	61°45'N	149°25'W	3,4,5	a	108	Prospect Creek	50RR1	980	66°47'N	150°45'W	2,3,4,5	i
34	Sheep Mountain	47MM2	2900	61°47'N	147°30'W	3,4,5	a	109	Cold Foot Camp	50SS1	1000	67°16'N	150°10'W	1,2,3,4	i
35	Tsaina River	45MM4	1500	61°12'N	145°30'W	3,4,5	a	110	Dietrich Camp	49SS1A	1550	67°42'N	149°45'W	2,3,4,5	i
36	Worthington Glacier	45MM2	2400	61°10'N	145°45'W	3,4,5	a	111	Table Mountain	49SS3a	2200	67°58'N	149°45'W	2,3,4,5	i
37	Lowe River	45MM3	550	61°06'N	145°50'W	3,4,5	a	112	Toolik River	49TT1	3100	68°37'N	149°26'W	7	d
38	Valdez	46MM2	50	61°08'N	146°20'W	2,3,4,5	a	113	Sagwon	48UU1	1000	69°26'N	148°34'W	7	d
39	Wolverine Glacier (A)	48LL1	2130	60°23'N	148°54'W	1,2,4,5,6,7	g	114	Prudhoe Bay	48VV1	30	70°15'N	148°30'W	7	h
40	Wolverine Glacier (B)	48LL2	3610	60°25'N	148°55'W	2,3,4,5,6,7	g	115	Barrow	56WW1	15	71°20'N	156°40'W	7	h
41	Wolverine Calcier C	48LL3	4430	60°25'N	148°55'W	1,2,4,6,7	g	116	Meade River	57VV1	200	70°29'N	157°25'W	7	h
42	Culkana Clacier A	45006	4590	63°15'N	145°29'W	2,3,4,5,6,7	g	117	Barter Island	43VV1	15	70°08'N	143°37'W	7	h
43	Culkana Clacier B	45007	5480	63°17'N	145°26'W	2,3,4,5,6,7	g	118	Kavik River	47UU1	200	69°30'N	147°00'W	7	h
44	Culkana Clacier C	45008	6360	63°19'N	145°29'W	5,6,7	g	119	Candle	61QQ1	20	66°55'N	161°56'W	3,4	a,f
45	Mankomen Lake	44NN1	3050	63°00'N	144°32'W	2,3,4,5	a	120	Kugruk River	62QQ1	225	65°40'N	162°27'W	3,4	a,f
46	Tok Junction	43001	1650	63°18'N	143°00'W	2,3,4,5	a								
47	Mentasta Pass	43NN1	2430	62°51'N	143°30'W	2,3,4,5	a								
48	Haggard Creek	45NN1A	2540	62°42'N	145°28'W	2,3,4,5	a								
49	Fielding Lake	45001A	3000	63°18'N	145°33'W	2,3,4,5	a								
50	Ft. Creely	45005	1420	63°57'N	145°45'W	1,2,3,4,5,7	a								
51	Granite Creek	45004	1240	63°57'N	145°24'W	1,2,3,4,5,7	a								
52	Big Delta	45PP1	980	64°14'N	145°58'W	2,3,4,5	a								
53	French Creek	46PP2MA	2010	64°43'N	146°40'W	2,3,4,5,7	a								
54	Little Salcha	46PP3	1500	64°38'N	146°44'W	2,3,4,5,7	a								





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